

## EAST Search History

| Ref # | Hits | Search Query   | DBs                                       | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L1    | 1    | ("20050036528").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2008/12/16<br>14:44 |
| S1    | 3    | ((("4,740,987") or<br>("4,796,273") or<br>("20030021319"))).PN. or<br>(2002/0159705).OCL.S.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/11/29<br>16:09 |
| S2    | 4    | ((("4,740,987") or<br>("4,796,273") or<br>("20030021319") or<br>("20020159705"))).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/12/05<br>10:04 |
| S3    | 90   | ((DFB near2 laser) or<br>(distributed near2<br>feedback near2 laser))<br>and (active near2 region<br>near4 length) and "372".<br>clas.                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/12/07<br>16:51 |
| S4    | 0    | "11020662".ap.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/12/05<br>10:05 |
| S5    | 1    | ("20050189552").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/12/05<br>10:05 |
| S6    | 76   | ((DFB near2 laser) or<br>(distributed near2<br>feedback near2 laser))<br>near4 array and (different<br>near3 wavelength) and<br>"372".clas.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | OFF     | 2007/12/05<br>12:24 |
| S7    | 51   | ((DFB near2 laser) or<br>(distributed near2<br>feedback near2 laser))<br>and ((gain near3<br>difference near4 mode)<br>same (threshold near2<br>gain)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2007/12/07<br>16:57 |

|     |    |   |                                  |    |    |                  |
|-----|----|---|----------------------------------|----|----|------------------|
| S8  | 41 | ((DFB near2 laser) or (distributed near2 feedback near2 laser)) and ((gain near3 difference near4 between near4 mode) same (threshold near2 gain))                    | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/06/16 11:59 |
| S9  | 11 | ((DFB near2 laser) or (distributed near2 feedback near2 laser)) and ((gain near3 difference near4 between near4 mode) same (threshold near2 gain)) AND (kappa and L)  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/06/16 12:18 |
| S10 | 8  | ((DFB near2 laser) or (distributed near2 feedback near2 laser)) and ((gain near3 difference near4 between near4 mode) same (threshold near2 gain)) AND (kappa same L) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/06/16 12:39 |
| S11 | 7  | ((DFB near2 laser) or (distributed near2 feedback near2 laser)) and ((alpha) same (threshold near2 gain)) AND (kappa same L)  | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2008/12/16 13:50 |

12/ 16/ 2008 3:31:02 PM

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